May 22, 1856.

The LORD WROTTESLEY, President, in the Chair.

The following communications were read :—

I. "On the Application of Photography to the physiognomic and mental phenomena of Insanity." By HUGH W. DIAMOND, M.D. Communicated by Admiral SMYTH, For. Sec. R.S. Received April 23, 1856.

(Abstract.)

The position of the author, as Medical Superintendent of the Surrey Lunatic Asylum, has enabled him to make the peculiar application of Photography, of which he gives an account in the present communication. He points out the advantages to be derived from photographic portraits of the insane, as faithfully representing the features of the disease in its different forms, or its successive phases in the same patient, and as affording unerring records for study and comparison by the physician and psychologist. In the course of the paper frequent reference is made to the series of photographic portraits of lunatic patients with which it was accompanied.

II. "On the Problem of Three Bodies." By the Rev. J. CHALLIS, M.A., F.R.S., F.R.A.S., Plumian Professor of Astronomy and Experimental Philosophy in the University of Cambridge. Received May 15, 1856.

(Abstract.)

The object of the author is to give an approximate solution of the Problem of Three Bodies, equally applicable to the motion of the moon and to that of a planet, in which the forms of the developments of the radius-vector, longitude, and latitude in terms of the